

**SQUIRE
SANDERS****LEGAL
COUNSEL
WORLDWIDE****SQUIRE, SANDERS & DEMPSEY
L.L.P.****One Maritime Plaza, Suite 300
San Francisco, CA 94111-3492
Office: +1.415.954.0200
Fax: +1.415.393.9887****Preferred Fax: _____
If Problems: _____****RECEIVED
CENTRAL FAX CENTER****May 19, 2005****MAY 19 2005****PLEASE DELIVER THESE PAGES IMMEDIATELY****Number Of Pages (including cover):38****To:****FAX NO.: 703 872-9306****COMPANY: U.S. Patent and Trademark Office****PHONE NO.:****FROM: Charles E. Runyan, Jr****DIRECT DIAL NO.: +1.415.954.0235****E-MAIL: crunyan@ssd.com****RE: Response to Office Action dated February 23, 2005****Message:****Attached is a copy of a Response to Office Action dated February 23, 2005.****Charles E. Runyan****CONFIDENTIALITY NOTICE:**

The attached information is LEGALLY PRIVILEGED AND CONFIDENTIAL and is intended only for the use of the addressee named above. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, please be aware that any dissemination, distribution or duplication of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the address above via the postal service. Thank you.

Sender No.: 08371**47539.27****Pat Gamble****Job No:****Account No.****Return to Office****www.ssd.com**

PTO/SB/97 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on May 19, 2005
Date


Signature

Charles E. Runyan

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Response
Amendment Transmittal Letter (in duplicate)
Transmittal Form

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/21 (08-03)

Please type a plus sign (+) inside this box → ☒

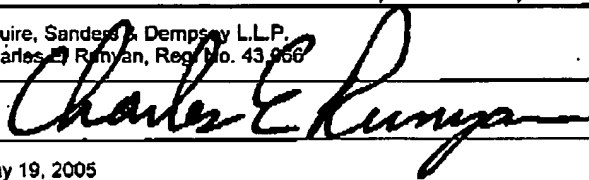
Approved for use through 08/30/03. OMB 0851-0031


U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

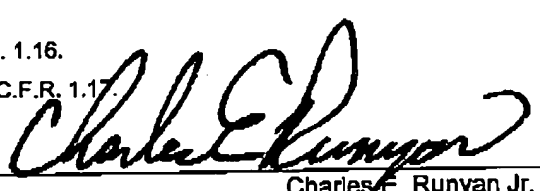
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.


| | | | |
|--|----------------------|------------------------|----------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/648,534 | |
| | Filing Date | August 25, 2003 | |
| | First Named Inventor | Masato Ueda | |
| | Group Art Unit | 2853 | |
| | Examiner Name | Raquel Yvette Gordon | |
| Total Number of Pages in This Submission | 35 | Attorney Docket Number | 47539.27 |

| ENCLOSURES (check all that apply) | | |
|---|---|--|
| <input checked="" type="checkbox"/> Deposit Account 07-1850 Authorization <input type="checkbox"/> Postage Paid Return Postcard <input checked="" type="checkbox"/> Response (33 pages) <input checked="" type="checkbox"/> Amendment Transmittal Letter (in duplicate) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Petition for Extension of Time (_ months) (in duplicate) <input type="checkbox"/> Information Disclosure Statement (in duplicate) with Form PTO-1449 and References <input type="checkbox"/> Express Mail Label No. <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) In/Formal _ Sheets with Submission of Drawings Transmittal <input type="checkbox"/> Issue Fee Transmittal with PTO-85b (in duplicate) <input type="checkbox"/> Request for Continued Examination Transmittal (RCE) <input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input checked="" type="checkbox"/> Certificate of Transmission (1 Page) <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Squire, Sanders & Dempsey L.L.P. Charles E. Remyan, Reg. No. 43,966 |
| Signature |  |
| Date | May 19, 2005 |

| CERTIFICATE OF MAILING | | | |
|--|---|------|--------------|
| I hereby certify that this correspondence is being filed by facsimile to facsimile number 703 872-9306 on this date: May 19, 2005. | | | |
| Typed or printed name | Patricia Gamble | | |
| Signature |  | Date | May 19, 2005 |

| | | | | | |
|---|---------------------------------------|---|--|-------------------------------|----------------|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. 47539.27 | |
| Applicant(s): Masatao Ueda | | | | | |
| Serial No. 10/648,534 | Filing Date August 25, 2003 | Examiner Raquel Yvette Gordon | | Group Art Unit 2853 | |
| Invention: Ink Jet Head And Ink Jet Printer | | | | | |
| TO THE COMMISSIONER FOR PATENTS: | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as show below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 28 | 28 | 0 | X \$50.00 | \$00.00 |
| INDEP. CLAIMS | 2 | 3 | 0 | X \$200.00 | \$00.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$00.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$00.00 |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. 07-1850 in the amount of \$00.00 A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of any necessary fees associated with this communication or credit any overpayment to Deposit Account No. 07-1850 A duplicate copy of this sheet is enclosed. <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17. | | | | | |
| Dated: May 19, 2005 Squire, Sanders & Dempsey L.L.P. 1 Maritime Plaza, Suite 300 San Francisco, CA 94111 (415) 954-0200 cc: Docket: | | |  Charles E. Runyan Jr. Ph.D. Reg. No. 43,066 | | |

| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. 47539.27 | |
|--|-------------------------------------|--|--------------------------------|------------------------|----------------|
| Applicant(s): Masatao Ueda | | | | | |
| Serial No. 10/548,534 | Filing Date August 25, 2003 | Examiner Raquel Yvette Gordon | | Group Art Unit 2853 | |
| Invention: Ink Jet Head And Ink Jet Printer | | | | | |
| TO THE COMMISSIONER FOR PATENTS: | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as show below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 28 | 28 | 0 | X \$50.00 | \$00.00 |
| INDEP. CLAIMS | 2 | 3 | 0 | X \$200.00 | \$00.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$00.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$00.00 |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. | | | | | |
| <input type="checkbox"/> Please charge Deposit Account No. 07-1850 in the amount of \$00.00 A duplicate copy of this sheet is enclosed. | | | | | |
| <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. | | | | | |
| <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of any necessary fees associated with this communication or credit any overpayment to Deposit Account No. 07-1850 A duplicate copy of this sheet is enclosed. | | | | | |
| <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. | | | | | |
| <input type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17. | | | | | |
| Dated: May 19, 2005 Squire, Sanders & Dempsey L.L.P. 1 Maritime Plaza, Suite 300 San Francisco, CA 94111 (415) 954-0200 | |  Charles E. Runyan Jr. Ph.D. Reg. No. 43,066 | | | |
| cc: Docket: | | | | | |

PATENT
Attorney Docket No.: 47539.00027RECEIVED
CENTRAL FAX CENTER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 19 2005

| | |
|---|-----------------------------------|
| In re Application of: Masato Ueda | Examiner: Raquel Yvette Gordon |
| Serial No. 10/648,534 | Art Unit: 2853 |
| Filed: August 25, 2003 | |
| Title: INK JET HEAD AND INK JET PRINTER | |

Commissioner for Patents
USPTO
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Examiner Gordon:

This responds to the Office Action dated February 23, 2005.

Specification amendments begin at page 2.

Claim amendments begin at page 26.

Remarks begin at page 31.